INTELLICOM
innovation

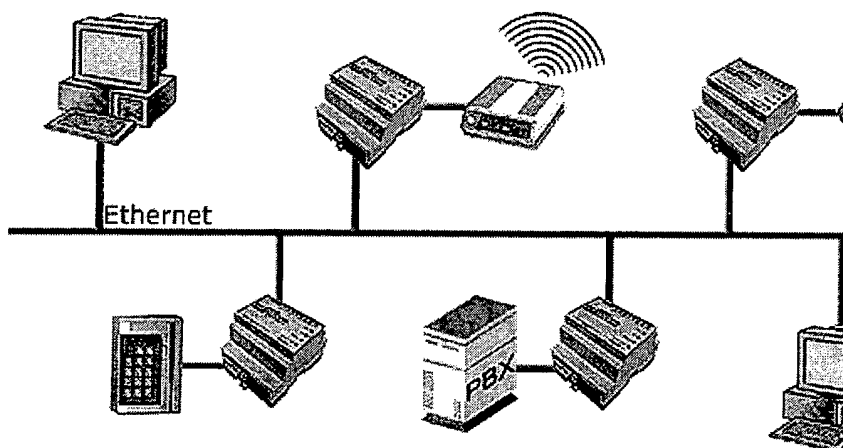| Home | News | Company | S rvic s | Products | Soluti ns | Contact | Resou |

Solutions

Serial to Ethernet Solutions

Move your serial device to the Ethernet to make transparent links or just enh monitoring and control through web pages with our Ethernet platforms for Bu automation / Industrial automation.

Many automation products are today based on RS232 or RS485, for example Modbus, Metasys or proprietary protocols. Many manufactures and network i have not yet discovered the interesting possibilities of connecting new and e: automation devices to Ethernet. Some advantages are:

- Easy access from anywhere (faster problem resolution, lower cost).
- Adds new functionality to older systems (extend system life).
- Enables competitive pricing on system expansion (web interfaces with systems).
- No license agreements / installations on specific computers (web brov available for free and already exist on almost all computers today)
- Automation data can co exist on existing office networks (lower instal maintenance cost)
- Easy to support, use and maintain (lower costs of training and mainta reliability).
- Enterprise wide monitoring through one system (simplify task, lower (

Ethernet

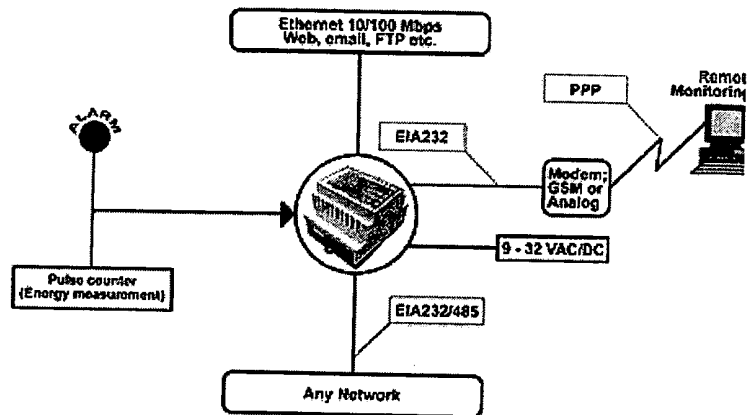*Serial to Ethernet solutions*

Distributed and Scalable Solutions:
For businesses that are continuously growing, a TCP/IP network is a cost-effi distributed solution when layout flexibility and port scalability are required. S attached to Ethernet Gateway can be placed anywhere on a TCP/IP network seamlessly linked to Windows NT, Windows 95/98, or PC-based Unix hosts.

Serial to Ethernet - NetBiter

The NetBiter™ is ideal as an encapsulated communicatic between en Ethernet network and an automation produc energy meters, fans, motor drives etc.

It supports a full TCP/IP stack including PPP, 10/100 Mb Ethernet, 2 serial ports, GSM / analog modem, battery backuped real Time c inputs etc.

Typical applications are:

- Interface between your own serial protocol (Modbus, Metasys etc) to
- Use Modbus TCP or any other TCP/IP protocol to transmit the data ov Ethernet network.
- Use a common web browser to surf into the product to monitor data c parameters (Web, JAVA and cgi).
- Have the product to send emails or SMS messages over GSM upon ev alarms.
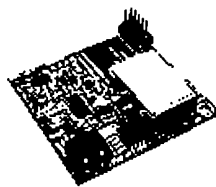- Measure energy, gas etc.

IntelliCom develops on request applications specific software to suit your der

The NetBiter platform is based on LINUX and it is also available as version with documentation and software libraries for customers w develop their own software.

→ Product Information

Serial to Ethernet - Galaxy (Embedded Ethernet)

The embedded plug-on module is ideal for applications v cost, simple and small size Ethernet interface is needed time to market is critical.

Through a serial interface, the module connects to the microprocessor of the field device (customer product). T has a full TCP/IP stack.
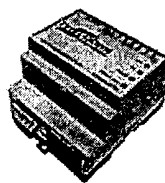
Typical Applications:

- Embedded Interface between your own serial protocol at TTL-level (M Metasys etc) to TCP/IP
- Use Modbus TCP or any other TCP/IP protocol to transmit the data ov Ethernet network.
- Use a common web browser to surf into the product to monitor data c parameters (Web, JAVA and cgi).

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→ Pr duct Inf rmati n

Serial t Ethernet - Modbus RTU t M dbus TCP

The NetBiter™ RTU-TCP Gateway connects RTU devices to the Ethernet. The Gateway transparent connection between serial Moc devices such as:
energy meters, fans, motor drives etc to tl Ethernet protocol Modbus TCP. No configur required.

→ Product Information

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